

WEST Search History

DATE: Monday, September 29, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L1	(air near5 (conditioner or purifier or conditioning or purifying)) or (ion near5 (generator or generating))	193765	L1
L2	electrode near5 (collector or collecting)	39393	L2
L3	electrode near5 (emitter or emitting)	40992	L3
L4	electrode near5 (hollow or annular or ring)	38427	L4
L5	l1 same l2 same L3	21	L5
L6	L5 and l4	13	L6

END OF SEARCH HISTORY

WEST

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Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 20030170150 A1

L6: Entry 1 of 13

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
Lee, Jimmy Luther	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: [422/186](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20030147783 A1

L6: Entry 2 of 13

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: [422/186.3](#); [422/186.04](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20030072697 A1

L6: Entry 3 of 13

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20020155041 A1

L6: Entry 4 of 13

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McKinney, Edward C. JR.	San Rafael	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 20020150520 A1

L6: Entry 5 of 13

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter electrode

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 20020134665 A1

L6: Entry 6 of 13

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 20020134664 A1

L6: Entry 7 of 13

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 20020127156 A1

L6: Entry 8 of 13

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 9. Document ID: US 20020122752 A1

L6: Entry 9 of 13

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 10. Document ID: US 20020122751 A1

L6: Entry 10 of 13

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 11. Document ID: US 4069665 A

L6: Entry 11 of 13

File: USPT

Jan 24, 1978

US-PAT-NO: 4069665

DOCUMENT-IDENTIFIER: US 4069665 A

TITLE: Gas ionizing apparatus for improving the operation of an internal combustion engine

DATE-ISSUED: January 24, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bolasny; Robert E.	Boulder	CO		

US-CL-CURRENT: 60/275; 123/538, 204/164, 250/426, 361/231, 422/186.15, 422/906, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 12. Document ID: US 3943407 A

L6: Entry 12 of 13

File: USPT

Mar 9, 1976

US-PAT-NO: 3943407

DOCUMENT-IDENTIFIER: US 3943407 A

TITLE: Method and apparatus for producing increased quantities of ions and higher energy ions

DATE-ISSUED: March 9, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bolasny; Robert E.	Boulder	CO		

US-CL-CURRENT: 361/229; 123/536, 60/274

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 13. Document ID: US 3569751 A

L6: Entry 13 of 13

File: USPT

Mar 9, 1971

US-PAT-NO: 3569751

DOCUMENT-IDENTIFIER: US 3569751 A

TITLE: HIGH VOLTAGE GENERATOR

DATE-ISSUED: March 9, 1971

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruhnke; Lothar H.	Honolulu	HI		

US-CL-CURRENT: 310/10; 96/66, 96/77

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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L5 and 14	13

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